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2020
Club
Double Handed

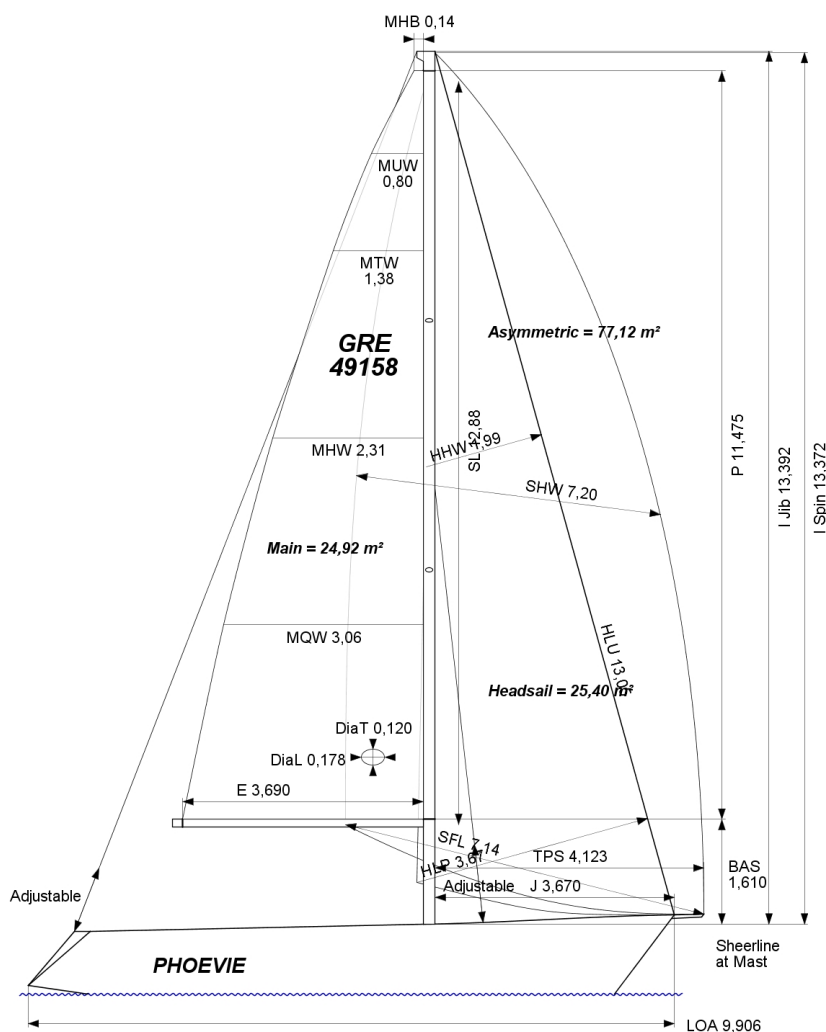
Rating Office

Hellenic Sailing Federation
Offshore Committee
Επιτροπή
Ανοικτής Θαλάσσης
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Ιστιοπλοϊκής Ομοσπονδίας



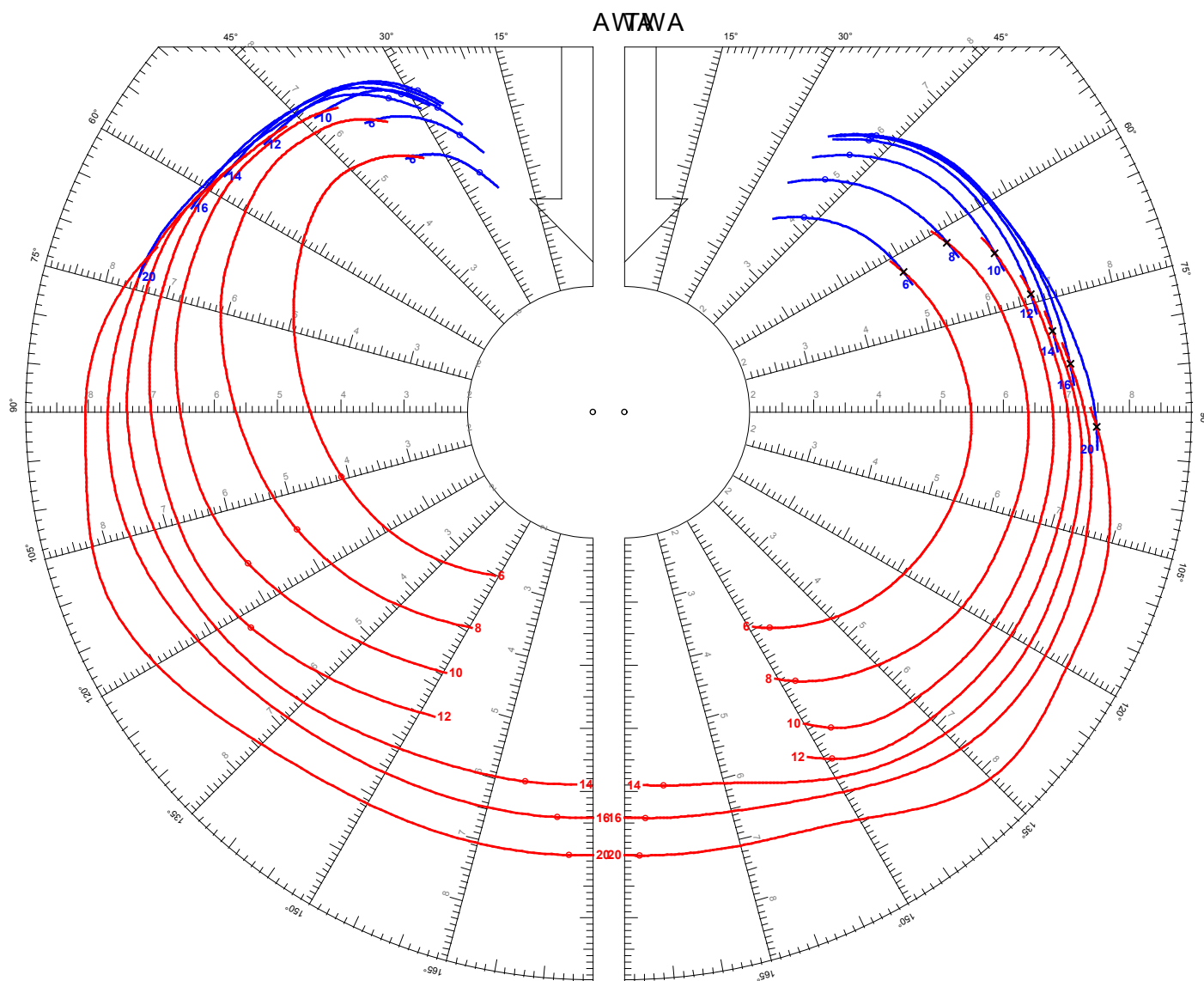
Certificate

Number **00280**
Issued On **27/03/2020**
ORC Ref **03420000FA4**
VPP Ver. **2020 1.01**
Valid until **28/02/2021**



BOAT		GPH	HULL		Crew Weight	
Name PHOEVIE Sail Nr GRE-49158		699.9	Data File GR49158 LOA 9.906m Offset File E140.BOF MB 3.376m Displacement 4,532kg Draft 1.821m		Default 170kg Maximum 170kg Non Manual Pwr No	
CLASS			IMS Division Cruiser/Racer Dynamic All. 0.318% Fwd Accom. Yes Construction Solid Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No		Sails Limitations	
Class FIRST 325 Designer J.BERRET Builder BENETEAU Series 01/1987 Age Date 01/1987 Age Allowance 0.487%			IMSL 8.219m VCGD 0.063m Sink 14.61kg/mm RL 6.238m VCGM 0.140m WS 20.28m² LSM0 8.233m Displacement/Length ratio 8.1211		Headsails 5 Spinnakers 4	
COMMENTS ex "JOSIE II"			Water Ballast 0 Trim Tab No BLR Index 0.0000		Asymmetric on centerline Spinnaker configuration Symmetric: No Asymmetric: Yes 77.12 Flying H/S: No Spin. Pole: No	
PROPELLER			CENTERBOARD			
Installation Shaft exposed PRD 0.440 Type Folding 2 blades PBW 0.108 PIPA 0.0052			N/A			
SCORING OPTIONS						
		Time on Distance	Time on Time			
Coastal or Long Distance		685.2	0.8757			
Circular Random		699.9	0.8573			
Predominantly Upwind		685.5	0.8753			
Predominantly Downwind		627.6	0.9560			
Owner						

Owner



Polar Plot for Boat

Name **PHOEVIE**
 Sail Number **GRE-49158**
 Class **FIRST 325**
 Designer **J.BERRET**
 Builder **BENETEAU**
 Issued On **27/03/2020 - VPP 2020 1.01**

2020

Double Handed Certificate Appendix

BOAT			
Name	PHOEVIE	Certificate Number	00280
Sail Nr	GRE-49158	Issued On	27/03/2020

TIME ALLOWANCES								
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	
Beat VMG	1183.4	991.1	895.4	845.5	832.5	832.4	828.7	
52°	781.5	665.4	598.7	572.3	563.8	561.3	558.5	
60°	743.2	633.9	576.7	554.5	544.4	541.0	540.3	
75°	686.1	585.1	550.8	537.6	526.2	517.4	511.7	
90°	659.0	565.8	533.3	515.2	503.5	496.3	485.4	
110°	680.1	574.2	533.5	510.3	491.8	474.4	451.1	
120°	708.6	586.5	538.4	512.3	489.7	470.3	447.7	
135°	783.8	639.7	561.2	527.8	503.7	480.8	441.7	
150°	919.1	737.0	628.1	571.7	542.2	522.2	485.2	
Run VMG	1061.3	851.0	725.3	660.1	613.0	564.0	516.5	
Selected Courses								
Windward / Leeward	1122.3	921.1	810.4	752.8	722.7	698.2	672.6	
Circular Random	950.1	772.4	679.4	627.5	597.3	578.6	556.1	
Coastal / Long Distance	1116.2	863.0	727.2	649.9	610.0	577.9	527.1	
Non Spinnaker	1035.7	830.9	720.4	656.5	618.0	594.0	565.6	

Velocity Prediction in Knots for True Wind Speeds								
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	
Beat Angles	42.8°	40.9°	41.3°	42.0°	41.8°	42.0°	42.4°	
Beat VMG	3.04	3.63	4.02	4.26	4.32	4.33	4.34	
52°	4.61	5.41	6.01	6.29	6.39	6.41	6.45	
60°	4.84	5.68	6.24	6.49	6.61	6.65	6.66	
75°	5.25	6.15	6.54	6.70	6.84	6.96	7.04	
90°	5.46	6.36	6.75	6.99	7.15	7.25	7.42	
110°	5.29	6.27	6.75	7.06	7.32	7.59	7.98	
120°	5.08	6.14	6.69	7.03	7.35	7.65	8.04	
135°	4.59	5.63	6.42	6.82	7.15	7.49	8.15	
150°	3.92	4.88	5.73	6.30	6.64	6.89	7.42	
Run VMG	3.39	4.23	4.96	5.45	5.87	6.38	6.97	
Gybe Angles	146.0°	147.5°	146.8°	149.0°	174.0°	177.0°	178.0°	